

INTERNATIONAL SEARCH REPORT

International application No
PCT/JP2005/018396

A CLASSIFICATION OF SUBJECT MATTER

Int Cl H01L21/3205 (2006 01), H01L21/768 (2006 01), H01L21/822 (2006 01), H01L21/8234 (2006 01),
H01L23/52 (2006 01), H01L23/522 (2006 01), H01L27/04 (2006 01), H01L27/06 (2006 01)
According to International Patent Classification (IPC) or to both national classification and IPC

B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int Cl H01L 21/3205, H01L 21/768, H01L 21/822, H01L 21/8234, H01L 23/52, H01L 23/522,
H01L 27/04, H01L 27/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1926
Published unexamined utility model applications of Japan 1931-2005
Registered utility model specifications of Japan 1956-2005
Published registered utility model applications of Japan 1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No
Y	EP 1310998 A2 (Ricoh Company, Ltd.) 2003.05.14, [0036] - [0138] , Figs. 2-14 & JP 2003-152100 A, [0033] - [0111] , Figs. 1-13	1-12
Y	JP 9-17860 A (Sony Corporation) 1997.01.17, [0002] - [0024] , Figs. 1-2 (Family: none)	1-12
Y	JP 2000-340562 A (Hitachi, Ltd.) 2000 . 12 . 08 , [0014] - [0017] , Fig . 2 (Family : none)	1-12
Y	JP 2004-146548 A (Ricoh Company, Ltd.) 2004 . 05 . 20 , Claims 1, 5-6, [0020] - [0028] , Figs . 1, 9-10 (Family : none)	8-10

☒ Further documents are listed in the continuation of Box C

☐ See patent family annex

* Special categories of cited documents

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Date of the actual completion of the international search

26.12.2005

Date of mailing of the international search report

17.01.2006

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